



**Town of Clarkson  
Office of the Supervisor  
Pre-Disaster Mitigation Plan**

**APPENDIX B - 8N**

**Hazard Specific Analysis: Extreme Temperatures**

**Definition:**

“Temperatures that hover 10 degrees above the average high temperature for the region and last for several weeks,”<sup>1</sup> constitutes one end of the scale.

**Description:**

Extreme high temperatures occur frequently during the summer months and extreme low temperatures occur frequently during the winter months. Public alerting with potential health hazards is generally facilitated by usual media routes as part of routine broadcasts and news items. A specific population of senior citizens, children and those with chronic illness are more susceptible to the effects of extreme temperatures. Extreme Temperatures ranks relatively low with a rank of 7.

**Overview of specific hazard locations and the extent of the hazard:**

There are no specific locations with this hazard. The hazard extent can be linked with the potential health hazards as listed above. The threat of this hazard can be mitigated with proper communication through media outlets about the dangers and what to do to minimize adverse effects.

**Previous occurrences of the hazard:**

Extreme temperatures by definition happen frequently in this area and by itself has not reached an emergency event for the community.

**Probability of future occurrences and potential magnitude:**

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<sup>1</sup> HAZNY

There is a high probability of future occurrence and the potential magnitude would be exacerbated if coupled with utility failure, or severe weather such as a Blizzard, or Wind Storm.

**Maps of hazard areas:**

Map is not required due to widespread geographic potential.

**Analysis of the impact on business, infrastructure & critical facilities:**

Extreme Temperatures at both ends of the scale tax fuel supplies for heating and cooling. Extreme Temperatures also restrict community mobility in the out-of-doors, adversely impacting recreational activities, school and workplace closings, and the daily routine with personal services in the retail sector.

**Specific information concerning estimated value (\$) of potential loss, damage to structures, casualties, etc.**

More detail to follow.

**Notes on data limitations:** Time and record access.